

BABEK, M.

Sylpren, natural oil-resistant rubber, [Mir Black Chem. Pramyl 4, 15% IRON] Sylpren, a chloroprene type of rubber, is prepared by the following process. Acetylene is dissolved in vinylacetylene. From this, through the action of HCl, chloroprene is obtained. Two types, Sylpren-K and Sylpren-200, are produced by emulsion polymerization of the monomer, with S-35 regulator, persulfate as catalyst, and oleate or a mixt. of oleate and rosin-acid soap as emulsifier. A typical batch is Sylpren (K or 200) 100, stearic acid 1, MgO 4, ZnO 5, phenylbenzophenone 1, dibutylphthalate 10, and C. black KO 1 (nonabsorbent filler) 100. Its qualities are discussed. L. A. Birnich

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

BABEK, MIR.

Svitpren, national oil resistant rubber Mir Babek
Svitra Filmex & Co. Ltd. 1984 11/1/84
Testing A comparison of the resistance
against various solvents and different
resins with some other rubbers

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

BABEK, M.: DUBEN, J.

Soft rubber as material in the machinery industry. p. 60. (Strojirenstvi,
Vol. 6, No. 1, Jan 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

✓ 1981 Effect of conversion upon physical and
mechanical properties of initiating acrylonitrile
copolymers

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

BABECKI, J. AND OTHERS.

The transition curve of the electron-photon component of extensive air showers in lead absorber of thicknesses between 0 and 25 cm. In English. p. 119.

(Acta Physica Polonica. Vol. 16, no. 1/2, 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) I.C., Vol. 6, no. 10, October 1957. Uncl.

Colorimetric determination of diphenyl bases in the air
of factories. P. Lingelgut and E. Kisch. *Zentr. ges. ges.
med. u. Arbeitsphys.* 7, 211-12 (1957); cf. C.A. 51, 1778a. —
One hundred l./litr. of air is sucked through absorption
vessels each filled with 10 ml. ethylene glycol (I). Five
ml. of the absorbent soln. is mixed with 45 ml. 96% AcOH,
0.25 ml. of a 10% soln. of *p*-dimethylaminobenzaldehyde in
96% AcOH is added, and the yellow color developed is detd.
photometrically. The following detectable min. concns. of
diphenyl bases in I are given (in parentheses the min. ml. of
I necessary for the soln. of 1 g. diphenyl base): benzidine
 2×10^{-4} (4 ml.), 2,2'-dichlorobenzidine 2×10^{-4} (16 ml.), *o*-
toluidine 1×10^{-4} (10 ml.), *o*-anisidine 1×10^{-4} (20 ml.), and
2,2'-dichloroanisidine 1×10^{-4} (32 ml.). H. R. L.

BABEL', V.D., inzh.; DARCHENKO, V.Ye., inzh.

An a.c. operated automatic system for automatic sectionalizing
of a terminal line. Elek. sta. 33 no.6:69-71 Je '62.
(MIRA 15:7)
(Electric power distribution)

MOLDAVSKIY, B.L.; prinimali uchastiye : BLINOVA, M.V.; BABKIN',
V.G.; BUSLOVICH, Ye.Ya.; RUDAKOVA, R.I.; MELENT'YEVA, T.G.;
USMANOVA, M.Sh.; RUBINSKTEYN, E.I.; ROZENBLIT, N.K.

Production of dicarboxylic acids from hydroxy acids.
Khim.prom 2:112-115 My '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neft-
yanoy khimii.

(Acids)

5.3400

77660
SOV/80-33-2-35/52

AUTHORS: Moldavskiy, B. L., Blinova, M. V., Babel', V. G.,
Buslovich, Ye. Ya, Usmanova, M. Sh.

TITLE: Production of Dicarboxylic Acids by Oxidation of
"Oxy Acids" With Nitric Acid. Communication III

PERIODICAL: Zhurnal prikladnoj khimii, 1960, Vol 33, Nr 2, pp
463-467 (USSR)

ABSTRACT: The oxidation of paraffins with nitric acid can
yield, depending on the reaction conditions, a
series of oxygen-containing compounds such as al-
cohols, aliphatic acids, esters, as well as products
of further oxidation of the aliphatic acids (hydroxy-,
aldehyde-, and keto-acids and their derivatives),
lactones, lactides, etc. Unlike paraffins, alcohols,
aliphatic acids, and their esters which are soluble in
petroleum ether, the products of further oxidation of
aliphatic acids are insoluble in petroleum ether and

Card 1/4

Production of Dicarboxylic Acids by Oxidation
of "Oxy Acids" With Nitric Acid. Communica-
tion III

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SOV/80-33-2-35/52

can be easily separated. This insoluble fraction is called usually "oxy acids" (oksiakidy) in USSR, and it can be used for the synthesis of dicarboxylic acids. C. Paquot and F. Goursac reported (Bull. Soc. Chim., 1950, Vol 172) the auto-oxidation of saturated aliphatic acids with an even number of carbon atoms (C_6 to C_{18}) effected at 100-120° C, in the presence of nickel phthalocyanine. The above authors established that the oxidation of the chain took place chiefly in the β -position; the reaction yielded a monocarboxylic acid with a lower molecular weight (containing also an even number of C atoms), and oxalic acid. The chain became gradually shorter, until caproic acid was obtained and could not be oxidized anymore under the conditions of the reaction. The oxidation in δ and γ -positions was insignificant, and deeper oxidation of the β -atom only leads to the formation of malonic and

Card 2/4

Production of Dicarboxylic Acids by Oxidation
of "Oxy Acids" With Nitric Acid. Communica-
tion III

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oxalic acids. The authors of the present study do not agree with the above. The starting material for their investigation was a mixture of paraffins obtained from the urea deparaffinization of diesel oils. This mixture was oxidized with air at 130° and gave a product, consisting of 50% "oxy acids," 28% aliphatic acids, and 20% paraffins and neutral oxygen containing compounds. The above starting material was oxidized easily with 57% nitric acid at 75-80° C and yielded chiefly pimelic, adipic, glutaric, and succinic acids, in 66% yield, based on the reacted "oxy-acids." Lower aliphatic acids, distilled together with nitric acid, consisted of acetic acid (46%), propionic acid (26%), butyric acids (14%), and valeric acids (14%). There are 2 tables; and 5 references, 1 French, 1 German, 2 U.S., 1 Soviet. The 2 U.S. references are: C. Zellner, F. Lister, Ind. Eng. Chem., 48, 10, 1938 (1956); J. Buckmann, U.S. Pat. 2801219 (1957).

Card 3/4

Production of Dicarboxylic Acids by Oxidation
of "Ox_n Acids" With Nitric Acid. Communica-
tion 111

77660
SOV/80-33-2-35/52

ASSOCIATION: All-Union Scientific Research Institute for Petrochemical
Processes (Vsesoyuznyy nauchno-issledovatel'skiy
Institut neftekhimicheskikh protsessov)

SUBMITTED: March 3, 1959

Cont 4/4

BABEL', V.G.; PROSKURYAKOV, V.A.

Oxidation of "hydroxy acids" of the paraffin series by atmospheric oxygen. Zhur. prikl. khim. 38 no.5:1085-1090 My '65.
(MIRA 18:11)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

BABEL', V.G.; PROSKURYAKOV, V.A.; ITSKOVICH, V.A.

Oxidation of higher monocarboxylic acids by atmospheric oxygen.
Zhur. prikl. khim. 38 no.5:1178-1181 My '65.

(MIRA 18:11)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

GORBACHEV, S.V.

BABEL', Ya.I.

Potentiometry in the study of the kinetics of irreversible oxidation of naphthalene in a solution. Zhur.fiz.khim.28 no.10:1782-1788 0'54.
(MLRA 8:2)

1. Khimiko-tehnologicheskiy institut im. D.I.Mendeleyeva, Moscow.
(Naphthalene)(Potentiometric analysis)(Oxidation)

OGANESYAN, A.G., kand.tekhn.nauk; KALANTARYAN, L.K., inzh.; SARKISYAN, A.M.,
inzh.; BABELYAN, S.M.; MELKUMYAN, D.A., tekhnik

Synthesis of new rubberlike copolymers. Sbor. nauch. trud. ErPI
no. 20:215-234 '59. (MIRA 14:5)
(Polymers--Synthesis) (Rubber, Synthetic)

RABELYAN, V.

Lowering administrative expenses in railroad construction.
Zhel. dor. transp. no.3:54-58 '47. (MIRA 13:2)
(Railroads--Cost of construction)

BABELIAN, V. B.

Ekonomiceskii analiz deiatel'nosti zheleznodorzhnoi stroitel'stvoi organizatsii.
[Economic analysis of activities of a railroad building organization]. Moskva,
Gos. transp. zhel-dor. izd-vo, 1948. 250 p.

Mainly technical, but gives a breakdown of capital outlays in
1946-50 plan; also restored and new second-tracking.

DLC: HE3136. B3

Ispol'zovat' rezervy povyshenija rentabel'nosti zheleznykh dorog. [To utilize the
reserves of increased railroad profitability.] (Voprosy ekonomiki, 1950, no. 11,
in Narodnoe khoz-vo SSSR, 1951, no. 4).

DLC: HC331.N34

Oborotnye sredstva i snizhenie stoimosti zheleznodorozhnogo stroitel'stva.
[Revolving funds and the lowering of railroad construction costs]. Moskva,
Transzheldorizdat, 1950.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified.

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; ZOBNNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOV, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V., retsenzent; VIASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUZHKO, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHO-MIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A., redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMOURG, Ye.Yu., redaktor; DERRIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.

MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S.,
redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor;
CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A.,
redaktor

[Railroad handbook] Spravochnaya knizhka zheleznodorozhnika, Izd.
3-e, ispr. i dop. Pod obshchey red. V.A. Garnyka. Moskva, Gos.
transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tehnicheskoye obshchestvo zheleznodorozhnogo transporta.
(Railroads)

BABELYAN, V.

"Financing construction Work" by P. Podshivalenko. Fin.SSSR 18
no.2:88-92 F '57. (MLRA 10:5)
(Construction industry--Finance)

BABELYAN, V.B.

Methods for increasing the efficiency of capital investments and
reducing the cost of railroad construction. Zhel. dor. transp. 40
no.8:40-41 Ag '58. (MIRA 11:9)
(Railroads--Cost of construction)

BABELYAN, V.B.

Manual on the economics of construction. Transp.stroi. 9
no.8:59-60 Ag '59. (MIRA 13:1)
(Construction industry)
(Transportation--Buildings and structures)

BABELIAN, V.B.

Potentialities for reducing the costs of housing construction.
Zhel.dor.transp. 41 no.12:28-33 D '59. (MIRA 13:4)
(Railroads--Buildings and structures)

BABELYAN, Valentin Beniaminovich; KOLTUNOVA, M.P., red.; BOBROVA, Ye.N.,
tekhn.red.

[Economic analysis of the work of railroad construction organizations] Ekonomicheskii analiz deiatel'nosti zhelezvodorozhnoi
stroitel'stoi organizatsii. Izd.3., perer. i dop. Moskva, Vses.
isdatel'sko-poligr. ob"edinenie M-va putei soobshcheniya, 1960.
237 p.

(MIRA 1):11)

(Railroads)

BABELYAN, V.B.; VINNICHENKO, N.G., kand. ekon. nauk; GNEDASH, G.N.;
GRIGOR'YEV, A.N.; DANILOV, N.K.; IVANOV, A.F.; IVLIYEV, Ivan
Vasil'yevich; POTAPOV, I.A.; TRUB'KHN, M.G., kand.ekon. nauk;
TUKHOVITSKAYA, L.K., inzh.; TYVAL'CHUK, D.P., inzh.; SHERMAN,
A.Ya.; SHCHERBAKOV, P.D., inzh.; EVENTOV, G.S.; KRISHTAL', L.I.,
red.; MAKUNI, Ye.V., tekhn. red.

[Financing in railway transportation; manual] Finansirovanie na
zheleznodorozhnom transporte; spravochnik. Pod obshchey red. I.V.
Ivlieva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-ya
putei soobshcheniya, 1962. 422 p. (MIRA 15:4)

(Railroads—Finance)

BABENIN, I. G.

"Surgical Complications in Amebic Dysentery," Klin. Med., 30, No.1, 1952

BABENIN, I.G.

Diagnostic error in echinococcosis of the liver. Khirurgiia no.8:
72 Ag '54. (MLRA 7:11)

1. Iz kafedry gospital'noy khirurgii Dagestanskogo meditsinskogo
instituta.

(ECHINOCOCCOSIS,
liver, diag. error)

(LIVER, diseases,
echinococcosis, diag. error)

BABENIN, I.G., kandidat meditsinskikh nauk (Makhachkala)

Extraperitoneal injuries of the rectum. Khirurgia no.9:74 S '54.
(RECTUM, diseases,
surg.)
(MLRA 7:12)

BABENIN, I.G.

Use of ultrasonics in the combined treatment of osteoarticular
tuberculosis. Ortop.travm.i protez. no.6842-46 '61.

(MIRA 14:8)

1. Iz kafedry gospital'noy khirurgii (zav. prof. A.A. Troitskiy)
Yaroslavskogo meditsinskogo instituta (dir. -- prof. N.Ye. Yarygin).
(BONES--TUBERCULOSIS)
(ULTRASONIC WAVES--THERAPEUTIC USE)

Babenko, A.

AID P - 4472

Subject : USSR/Aeronautics - Aircraft (helicopters)
Card 1/1 Pub. 58 - 9/10
Authors : Babenko, A., and V. Melnikov
Title : Helicopters over the North Pole
Periodical : Kryl. rod., 2, 18-19, F 1956
Abstract : Description of the flight of two Soviet helicopters from Moscow to the Soviet polar bases "North Pole 3" and "North Pole 4". The article gives information on the navigation difficulties the crews had to overcome, and indicates the route followed by the helicopters. Three photos. The article is to be continued.
Institution : None
Submitted : No date

BABENKO, A.

AID P - 4671

Subject : USSR/Aeronautics - Helicopters

Card 1/1 Pub. 58 - 11/14

Author : Babenko, A. and V. Melnikov

Title : Helicopters over the North Pole

Periodical : Kryl. rod., 3, 18-19, Mr 1956

Abstract : The second and last installment of the article begun in the periodical's February issue narrates the life of a crew of a Soviet helicopter attached during the winter of 1955-1956 to the Soviet polar base "North Pole 3" established on a drifting floe somewhere north of Greenland. This second installment contains no factual data of informative value. One photo.

Institution : None

Submitted : No date

BABENKO, A.

Improve the organization of auxiliary operations. Mias.ind. SSR 33
[i.e.34] no.2:48-50 '63. (MIRA 16:4)

1. Volgogradskiy sovet narodnogo khozyaystva.
(Meat industry) (Material handling)

BASENKO, Anatoliy Anatol'yevich; RABINOVICH, Gersh Naftal'evich.
SHAMSHIN, I.A., red. etv.

[Synchronous speech conversion technique] Tekhnika sin-
khronnogo perevoda rechi. Moscow, Sviaz', 1964. 200 p.
(MLA 17:9)

BABENKO, A.

PA 153T108

USSR/Radio - Radio, Two-Way
Radio, Portable

Nov 49

"Radio Communication in Agriculture," A. Babenko,
Engr, Glavsel'elektro, 2 pp

"Radio" No 11

Describes great contribution which the Urozhay
(Harvest) two-way portable radio set is making to
Soviet agriculture. Over 20,000 sets are now in
use at over 1,000 tractor stations. They have
been allocated 12 fixed frequencies. Suggests
that another 10-12 frequencies be allocated to
them in the 100-140 meter band. Call signs
should be simplified. New portable radio set
(15-20 watts) should be designed for forest-
belt stations.

153T108

BABENKO A.

PA 194T114

USSR/Radio - Transceivers
Power Supplies

Aug 51

"A Rectifier for the 'Urozhay' Radio Station,"
A. Babenko

"Radio" No 8, pp 43, 44

Ministry of ASR recommended that a rectifier be developed so that "Urozhay" stations could operate off line, because now the 6STE128 batteries must be recharged every 6-7 days after an average 28-35 hr of operation and many MTS's do not have charging equipment. Also, line operation would permit continuous operation of

194T114

USSR/Radio - Transceivers (Contd)

Aug 51

"Urozhay" stations. Describes rectifier for this purpose which was developed and tested by a plant of the Ministry of the Communications Equipment Ind. These rectifiers are ready for production and should appear in the MTS's in the spring of 1952.

194T114

BABENKO, A.

USSR/Radio Transceivers

Sep 51

"Dispatcher Radio Communications With Machine
Tractor Stations," A. Babenko

"Radio" No 9, pp 5, 6

Greater efficiency of MTS is achieved by improved control and better use of the tractor brigades through radio communication. Many of the tens of thousands of MTS where such service is available are using the "Urozhay" radio station. This equipment is simply operated, portable, and provides 2-way operation.

195T88

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

BABENKO, A.

"Organization of Radio Station Repair Work," MTS, 11, No.12, 1951

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

BABENKO, A.

"Rectifier for the 'Urozhoi' Radio Station," MTS, 12, No.8, 1952

ANTOV, A.

Wired Television Centers, M. Balenko and Ye. Mat, editor, Radio No. 4, pp 14-15,
May 13.

Describes two adapters for the Leningrad T-2 TV receiver so that it can operate as a wired TV center. Also discusses associated subscriber units. The adapters were developed in the Lab of the Moscow Inter-city Wired Radio Network, Ministry of Communications. The first unit described (T-2 receiver and one of the adapters) will handle 5-10 subscriber units; the second unit (T-2 receiver and the second of the adapters) will handle ~~maximum~~ 24-30 units. The subscriber's unit has 4 tubes in addition to the picture tube. A twin-conductor cable distribution system is employed.

2657109

BABENKO, A. A.

261T73

USSR/Electronics - Exhibitions
Physics - Particle Counters

Jul 53

"Application of Radio Methods in the Economy" (Survey
of Exhibits at the 11th All-Union Radio Exhibition)

Radio, No 8, pp 8-11

Describes a number of exhibits in this section of the
All-Union Exhibition. Amateurs A.A. Babenko and
Ye. P. Karputkin and Dr Yu. P. Pomerantsev (Moscow)
were awarded a first prize for an integrating radio-
meter for observations on the heart which employs 2
Geiger-Muller counters at the input and a loop
oscillograph at the output.

261T73

BABENKO, A.; KARPUTKIN, Ye.

Television relay center in the city of Kalinin. Radio no.9:45-46 S '53.
(MLRA 6:8)

(Television--Kalinin) (Kalinin--Television)

1. BABENKO, A.
2. USSR (600)
4. Electric Current Rectifiers
7. Rectifier for charging batteries at the machine-tractor station, NTS 13 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

BABENKO, A.

USSR/Miscellaneous

Card 1/1

Author : Babenko, A.
Title : Let us improve radio communication in agricultural regions
Periodical : Radio, 3, 8 - 9, Mar, 1954
Abstract : A well organized radio communication helps farm and forest workers to perform their jobs better. The author finds that this mode of communication is not properly organized by the Ministry of Agriculture; therefore, he calls on the Ministry for improvements.
Institution :,
Submitted :

USSR/Electronics - Radio communications

Card : 1/1 Pub. 89 - 4/24

Authors : Babenko, A., Chief Engineer of the Central Dept. of the MTS (Machine-Tractor Stations) and Mechanization in the Field of Agriculture in the USSR
Title : Radiocommunication in regions where new plowing grounds are developed

Periodical : Radio 6, 7 - 8, June 1954

Abstract : Large areas of virgin soil in Siberia, Volga Regions, Kazakhstan and Northern Caucasus are now being put under cultivation. For the above purpose, a plan for radio and telephone communications between these regions and the local MTS (Machine-Tractor Stations) has been put into operation. The details of this plan, the type of radio sets used and their distribution, and the method of land-cultivation instructions, given via a dispatcher communication system, is described.

Institution : ...

Submitted : ...

Babenko A.

USSR/ Electronics - Amplifiers

Card 1/1 Pub. 89 - 20/32

Authors : Babenko, A., and Karputkin, E.

Title : Amplifier for relay station television antennas

Periodical : Radio 2, 36 - 37, Feb 1955

Abstract : The Laboratory of the Moscow City Rebroadcasting Network designed and produced an amplifier for relay station television antennas. Technical data is presented on the above mentioned amplifier, together with a description of its function and operation. Graph; circuit diagrams; drawings.

Institution:

Submitted:

Babunko, A.

USSR/ Electronics - Radio equipment

Card 1/1 Pub. 89 - 11/30

Authors : Babunko, A.

Title : Repa'ring the "Urozhay" (Harvest) radio station

Periodical : Radio 3, 20 - 21, Mar 1955

Abstract : A description is given of inspection and repair work to which radio receiving equipment should be submitted at an MTS (machine and tractor station) center before being put into operation. The various parts are taken up one by one, the method of inspection prescribed, the causes of certain defects explained and the means by which they should be corrected prescribed.

Institution :

Submitted :

BABENKOV, A.

USSR/ Electronics - Radiometers

Card 1/1 Pub. 89 - 21/24

Authors : Babenk^o, A., and Karputkin, Ye.

Title : The integrating radiometer

Periodical : Radio 5, 54 - 56, May 1955

Abstract : The characteristics and numerous applications of the integrating radiometer - an instrument for recording the intensity of radioactive radiation - are discussed. The instrument is intended for various research work (biology, medicine, industrial), carried out with the aid of marked radioactive isotopes. The instrument is designed in single and twin-channel variations depending upon the nature of the investigation to be carried out. The operating diode voltage is supplied from a full-wave rectifier utilizing a 5Ts4S kenotron. The construction of the radiometer is described. Diagrams; graph.

Institution :

Submitted :

BABENKO,A.

Improving radio communications in agriculture. Radio no.10:4 0'55.
(Radio in agriculture) (MLRA 9:1)

SHAMSHIN, I.A., otvetstvennyy red.; BABENKO, A.A., red.; FIRSOVA, A.G.,
tehn. red.

[Collection of instructions concerning the Moscow City a-f radio
rediffusion network] Informatsionnyi sbornik MGRS. Moskva, Sviaz'-
izdat, 1957. 61 p. (MIRA 1T:7)

1. Moscow. Gorodskaya radiotranslyatsionnaya set'.
(Moscow--Radiobroadcasting)

BABENKO, A. A.

9(2)

PHASE I BOOK EXPLOITATION

SOV/1722

Nadezhnost' radioelektronnoy apparatury; sbornik statey (Reliability of Electronic Equipment; Collection of Articles) Moscow, Izd-vo "Sovetskoye radio," 1958. 144 p. Number of copies printed not given.

Compiler: I.V. Grushin; Ed.: V.G. Nashareva; Tech. Ed.: A.A. Sveshnikov.

PURPOSE: The book may be useful to engineering personnel working with electronic equipment.

COVERAGE: The authors discuss the necessity of determining the reliability of component elements of various electronic systems and describe methods of calculating the probability of faults in trigger circuits, amplifiers, rectifiers, and other vacuum-tube devices. No personalities are mentioned. References appear at the end of all but one article.

TABLE OF CONTENTS:

Zimin, V.A. Reliability of Operation of Standard Elements of the High-speed Electronic Computer (BESM)
The author explains methods of checking computer operation and discusses the reliability of operation of such standard elements as trigger circuits, pulse-forming circuits, pulse rectifiers, phase inverters, cathode followers, diodes, and amplifiers with pulse delay. There are 3 references, all Soviet.

3

Babenko, A.A. Reliability Parameters of Electronic Equipment
The author discusses the probability of the occurrence of faults in electronic equipment and explains the necessity of determining the reliability of various components. There are no references.

131

AVAILABLE: Library of Congress (TK780.IO)

JJ/1ab
7-4-59

Babenko, A.A.

110-2-19/22

AUTHORS: Babenko, A.A. (Engineer) & Petrov, K.N. (Engineer).

TITLE: Heating calculations on a.c. conductors under transient short-circuit conditions. (K raschetu nagreva provodnikov peremennogo toka v neustanovivshemsya rezhime korotkogo zamykaniya.)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, No.2, pp.69-72 (USSR)

ABSTRACT: This is a mathematical article on the calculation of temperature rise in a conductor during the passage of excess current for a brief period. The equations assume that no heat is lost during the process. Expressions are derived for the maximum and minimum values of the time integral of the square of the current. These may be written in different ways, depending on the conditions, and values of a constant entering into the equations are tabulated. By way of example, a calculation is made of the time required for a fuse to interrupt a circuit. Calculated and experimental results are compared in Fig.4. and good agreement is claimed. There are 4 figures, 2 tables, no literature refs.

ASSOCIATION: Khar'kov Electro-mechanical Works. (Khar'kovskiy elektromekhanicheskiy zavod.)

AVAILABLE: Library of Congress.

Card 1/1

SOV/111-58-3-17/29

AUTHOR: Babenko, A.A., Secretary of the Technical Work Council of MGRS

TITLE: The Technical Work Council of the Moscow City Rebroadcasting Network (Proizvodstvenno-tehnicheskiy sovet Moskovskoy gorodskoy radiotranslyatsionnoy seti)

PERIODICAL: Vestnik svyazi, 1958, Nr 3, p 23 (USSR)

ABSTRACT: The Technical Work Council of the Moscow City Rebroadcasting Network was established in the second half of 1955. Its work deals with various operational problems and tasks of the network, the future development, and the introduction of new equipment. For example, at one of the last meetings of the council a report was discussed, which had been delivered by the chief of the planning section Lokshin, L.G., concerning the economic-technical effectiveness of new equipment introduced to MGRS and the organization of the operation. Technical work councils have been established in all branch enterprises of MGRS.

ASSOCIATION: MGRS

Card 1/1

BABENKO, A.

Radio communication in agriculture. Radio no.6:5-6
Je '64. (MIRA 17:10)

1. Starshiy inzh. Vsesoyuznogo ob'yedineniya po prodazhe
kolkhozam i sovkhozam sel'skokhozyaystvennoy tekhniki,
zapasnykh chastej, mineral'nykh udobrenij i drugikh material'-
no-tehnicheskikh sredstv, organizatsii remonta i ispol'-
zovaniya mashin v kolkhozakh i sovkhozakh ("Soyuzsel'-
khoztekhnika").

ACCESSION NR A#500144

BOOK EXPLOITATION

S/

Rabenko, Anatoliy Anatol'yevich; Rabinovich, Gersh Rakmilovich

«...» («...» - означает, что в книге имеется ошибка в написании слова)

TOPIC TAGS: radio equipment, radio broadcasting, antenna

TABLE OF CONTENTS (abridged):

Foreword — 3

Ch. I. Purpose of simultaneous translation equipment — 4

Ch. II. Operation of simultaneous translation equipment — 6

Ch. III. Principles and components of simultaneous translation equipment — 21

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

Card 1/2

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

Bibliography — 200

SUBMITTED: 20Jul64

SUB CODE: BC

NO REF NOV: 010

OTHER: 006

LL
Card 2/2

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

BABENKO, A.F.

Plotting the generalized creep curved based on compression experiments.
Nauch.zap.Od.politekh.inst. 14:48-55 '59. (MIRA 14:3)
(Creep of materials)

BABENKO, A.F.; LATYSHEV, N.M.

Investigating and eliminating causes of low ductile properties of a
cable wire with high carbon content. Nauch.zap.Od.politekh.ingt.14:56-68
'59. (MIRA 14:3)

(Wire—Testing)

S/137/62/000/011/022/045
A052/A101

AUTHOR:

Babenko, A. F.

TITLE:

Strengthening and softening of steel during uniform repeated-alternate plastic deformation

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 11, 1962, 41, abstract 111265 ("Nauchn. zap. Odessk. politekhn. in-t", v. 36, 1961, 47 - 58)

TEXT: The behaviour of two carbon steels containing 0.18 and 0.47% C was investigated in the process of alternating tensile-compressive loadings in the region of high plastic deformations ϵ . The tests were carried out at stress σ equal to $0.98\sigma_0$ by three variants: 1) tension-compression at a constant σ , 2) tension-compression at a given ϵ , 3) tension-compression at a given load. It is shown that when tested with a constant σ the steel strengthens as the number of cycles increases, reaching saturation after a fourfold change of the sign. With a further increase of the number of cycles, a softening is observed manifested in decrease of σ , after which the deformation curves become stable. During the test with a given ϵ the strengthening manifests itself in an increase of

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Strengthening and softening of steel during...

3/13/62/00/011/022/045
AC52/A101

the load; no softening can be detected. Even hundredfold repeated loadings with a change of the sign at stresses near σ_b do not lead to a rupture if the tests are made with a given σ or ε . When CT 20 (St 20) is tested with a given load corresponding to σ_b , the strengthening is shown by a decrease of ε and the following softening by a progressive increase of ε , whereby the samples suffer a failure after 10 - 12 cycles.

T. Mar'yanovskaya

[Abstracter's note: Complete translation]

Card 2/2

BARENKO, A.F.; ZELYUKOVA, R.V.

Experiment investigation of the parameters of mechanical
hysteresis in steel-wire ropes. Nauch. zap. Od. politekh.
inst. 48:17-27 '62. (MIRA 17:5)

S 47166-66 EWT(m)/EWP(w)/T/EWP(t)/ETI/EWP(k) JD

ACC NR: AR6000438

SOURCE CODE: UR/0137/65/000/009/D038/D038

AUTHORS: Babenko, A. F.; Akivenson, M. Yu.; Shkurovskiy, V. P.

29

TITLE: Experimental investigation of the mechanical properties of wire cables
at low temperatures. Preliminary report

16 17

SOURCE: Ref. zh. Metallurgiya, Abs. 9D260

REF SOURCE: Sb. Stal'n. kanaty, No. 1. Kiyev, Tekhnika, 1964, 298-301

TOPIC TAGS: wire, metal test, metal stress, wire product

ABSTRACT: A description of the experiments and experimental installation is presented. Analysis of the experimental results leads to the following conclusions: 1. Tests of specimens in liquid nitrogen point to an increase in the limits of proportionality and strength by 8.3 and 10.3% respectively. 2. Wire cables having a certain plasticity at normal temperatures retain a notable plasticity when cooled to -196°C. 3. The characteristics of rupture of the specimens are typical of brittle rupture; the surface of the break had a bright coarse-crystalline appearance under the microscope. 4. The brittle rupture character

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UDC: 621.771.42.001

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ACC NR: AR6000438

in these cases stems from the fact that at low temperatures the plastic deformation becomes more difficult. 5. For specimens previously exposed to pulsating loads in liquid nitrogen, the limit of proportionality and strength increased by 13.2 and 18.8% respectively. 6. Under the influence of low temperatures, the relative deformation increases by 9.6%. The residual stresses decrease as a result of pulsating loads, enhancing the deformation process at the lower temperatures. 1 illustration, 4 tables. L. Kochenova [Translation of abstract]

SUB CODE: 11/

Card 2/2-eqph

BABENKO, Aleksey Ivanovich; TSVETKOV, B., red.

[There where we live; from the work experience of a
street committee] Tam, gde my zhivem; iz opyta raboty
ulichnogo komiteta. Volgograd, Volgogradskoe knizhnoe
izd-vo, 1963. 21 p.
(MIRA 18;2)

FILE NUMBER: A-4

AUTHOR: Babenko, A.K., Professor (Kiyev) 47-4-10/20

TITLE: On the Physics Course in the Secondary School (O kurse fiziki v sredney shkole)

PERIODICAL: Fizika v shkole, 1957, No 4, pp 58-60 (USSR)

ABSTRACT: The author states that after September 1951, instruction in "physics - technics" was replaced by a systematic course in physics, but gradually the program grew and caused an overburden for the students. This necessitated a cut in the program. However, the polytechnical education caused again a widening of the program. The author points out that there are other new methods of polytechnical instruction which bring the school in closer contact with production, and in this connection he mentions the Ukraine where, during the last 3 years, industrial training is being carried out at general educational schools. Since the schools' teaching plan provides practical training, there is no necessity to include in the physics program mechanical engineering, technology, electrical engineering and mechanization of agriculture. Thus the course on the principles of physics, the polytechnical training, the education in materialistic world conception and the general development of the students is re-established. The article

Card 1/2

On the Physics Course in the Secondary School

47-4-10/20

indicates that the Section for Methods of Instruction in Physics at the Ukrainian Scientific Research Institute of Pedagogy (Otdel metodiki fiziki Ukrainskogo nauchno-issledovatel'skogo instituta pedagogiki) UNIIP, when discussing with teachers the structure of the course in physics, decided in favor of a graduated distribution of the material to be taught. The gradual building up of the program has, admittedly, also its negative sides. The article then deals with the number of hours allotted for the various subjects in the different classes and raises the question of a cut in the program because of the overburdening of the secondary school students. Another way of relieving the students would be to improve the method of instructing physics, better textbooks and better equipment in the physics schoolrooms. In conclusion it is stated that only a few of the questions raised by V.F. Yus'kovich have been dealt with in this article.

AVAILABLE: Library of Congress

Card 2/2

BABENKO, A.N.

Cardiovascular diseases and meteorological factors. Uch.
zap. Stavr. gos. med. inst. 12:322-323 '63. (MIRA 17:9)

1. Kafedra organizatsii zdravookhraneniya (zav. dotsent
Yu.I. Alabovskiy) Stavropol'skogo gosudarstvennogo meditsinskogo
instituta.

BABENKO, A.P.

GIROVSKIY, V.F., nauchnyy rabotnik; KANTORER, S.B., nauchnyy rabotnik; SHASS, M. Ye., nauchnyy rabotnik; D'YAKOVA, M.V., nauchnyy rabotnik; BABENKO, A.P.; VOLPYANSKIY, S.Ya.; MERZLYAK, G.N.

[Socialist competition for cost reduction in construction work] Sotsialisticheskoe sorevnovanie za snizhenie stoinosti stroitel'nykh rabot. [avtorskii kollektiv: V.F.Girovskii i dr.] Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 55 p. (MLRA 6:7)

1. Moszhilstroy trest (for Babenko, Volpyanskiy, Merzlyak). 2. Kafedra Organizatsii i planirovaniya stroitel'nogo proizvodstva MIEI imeni S.Ordzhonikidze. 3. Moskovskiy inzhenerno-ekonomichekiy institut imeni S.Ordzhonikidze (for Girovskiy, Kantorer, Shass, and D'yakova).

(Construction industry--Costs)

SOV/17 59 2 2869

Translation from: Referativnyy zhurnal. Metallurgiya 1959, Nr 2 p 79 (USSR)

AUTHORS: Babenko, A. P., Smirnov, V. I.

TITLE: A Study of the Processes of Sulfating of Copper and Zinc During Fluidized-bed Roasting (Izuchenie professorov sulfatizatsii medi i tsinka pri obzhige v "kipvashchem" slye)

PERIODICAL: Tr. Ural'skogo politekhn. in-ta, 1958, Nr 73 pp 259-267

ABSTRACT: It was established through laboratory investigations of sulfating roasting of pure oxides and sulfides of Cu and Zn that the sulfating (S) of these oxides in the fluidized bed proceeds more completely than in roasting under static conditions. The rate of S increases with a decrease in the grain size of the oxides. The maximum S for Cu oxide is observed at 600°C; upon a further increase in temperature it decreases. Up to 700° the rate of S of ZrO increases, but does not attain the Cu oxide rate of S. The highest S rate was observed during the first 5 min of roasting after which the process slowed down: the rate of S increases with the increase in the length of roasting time. An increase in the concentration of SO₂ in the gaseous mixture increases the S rate with marked intensity in the 2-8% range whereas a

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SOV/137 59 2 2869

A Study of the Processes of Sulfating of Copper and Zinc During (cont.)

further increase in the SO₂ content has appreciably less effect on the completeness of S. The S of sulfides of Cu and Zn proceeds more completely than that of their oxides. In a fluidized bed at 500° 95% of all the Cu of chalcopyrite becomes sulfatized. At 650° and with 8% SO₂ content of the gases 83% Zn and ~ 80% Cu from a Cu-Zn concentrate of the following composition (in %): Cu 11.6, Zn 9.93, Fe 29.03, S 39.84, and Pb 0.78 are sulfatized in 3 hours. At 700° 90% Zn and only ~ 53% Cu from the concentrate are transformed into sulfates.

Ye. Z.

Card 2/2

BABENKO, A.P.; KOROTENKO, N.P.

From the work practices of efficiency promoters. Spirt.prom. 29 no.1:
27-28 '63. (MIRA 16:2)
(Distilleries) (Efficiency, Industrial)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

BABIKO, A.R., Cand Tech Sci--(disc) "Study of sulfiting roasting
of zinc-copper concentrates in a boiling layer." Sverdlovsk, 1957.
14 pp (in of Higher Education USSR. Ural Polytech Inst in S.M. Kirov),
100 copies (ML22-58,107)

-78-

BABENKO, A.R.; SMIRNOV, V.I.

Processing copper-zinc concentrates by means of sulfatized rost
with subsequent leaching of tailings. Biul. TSIIN tavet. met.
no. 6:23-25 '58. (MIRA 11:7)

(Copper--Metallurgy)
(Zinc--Metallurgy)
(Leaching)

BABENKO, A.R.; SMIRNOV, V.I.

Investigating copper and zinc sulfadizing processes during
roasting in a fluidized bed. Trudy Ural.politekh.inst. 73:
259-267 '58. (MIRA 12:8)
(Copper--Metallurgy) (Zinc--Metallurgy) (Fluidization)

BABENKO, A.R.; SMIRNOV, V.I.

Kinetics of sulfide oxidation in a fluidized bed. Trudy Ural.
politekh.inst. 73:268-278 '58. (MIRA 12:8)
(Sulfides--Metallurgy) (Fluidization)

BABENKO, A.R.; SMIRNOV, V.I.

Determining the ignition temperature of sulfides in a fluidized bed.
Sbor. nauch. trud. Ural. politekh. inst. no.134;9-13 '63.

(MIRA 17:1)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

BABENKO, A.S., inzhener; ROMANOV, A.N., inzhener.

Using large panel blocks. Elek.sata. 24 no.7:46-47 Jl '53. (MLR 6:7)
(Buildings, Prefabricated)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

BABENKO, A.S., inzhener,

Radio dispatcher system. Nauka i pered. op. v sel'khoz.no.9;34
36 S '56.
(Radio in agriculture) (MIRA 9;10)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

BABENKO, A.S.

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102820007-1"

Detection of Magnesium by Means of N-Aryl-quinocyanine Dyes SOV/75-13-4-24/29

liquor are added to such a magnesium salt solution which is slightly colored by the alcoholic solution of a symmetric trimethine quinocyanine dye, an intensely colored precipitate is formed. In the case of high concentrations of magnesium the 0,1 n lye is used, at smaller amounts the 2 n lye is useful. The precipitates formed are not changed by heating the solution to boiling. When asymmetric quinocyanine dyes are used as reagents mainly $Mg(OH)_2$ is precipitated in the alkaline range. The ions K^+ , Na^+ , NH_4^+ , Ba^{++} , Sr^{++} , and Ca^{++} do not disturb the detection. At a ratio between the magnesium and any of the foreign ions of 1:500 the sensitivity of the reaction did not noticeably decrease in any of the cases investigated. In the presence of ammonium ions the sensitivity does not decrease to a ratio of $Mg^{++} : NH_4^+ = 1:100$. The dye bis-(1-phenyl-5,6-benzoquinoline-2)-trimethine cyanine-iodide has an especially high sensitivity (0,1 μ /ml). This sensitivity is higher than that known of many other reagents to magnesium. Most of the elements of the III. to V. analytical group disturb the detection according to this method as in alkaline solution they form

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Detection of Magnesium by Means of N-Aryl-Quinocyanine Dyes SOV/75-13-4-24/29

hydroxydes and basic salts which cover the reaction to magnesium. In order to separate these disturbing ions they are precipitated by means of Na_2S at a fixed pH value of the solution to be investigated (pH 7,6-7,8; borate buffer) in form of sulfides. The paper gives the results of the investigation of the reactions of 7 symmetric trimethine quinocyanine dyes with magnesium ions as well as the corresponding maximum dilutions for the detection of magnesium. The carrying out of the detection of magnesium in solutions containing ions of all five analytical groups is described in detail. There are 1 table and 9 references, which are Soviet.

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet (Chernovtsi State University)

SUBMITTED: April 16, 1957

Card 3/4

BABENKO, A.S.

Reaction of magnesium hydroxide with iodine investigated by the photo-turbidimetric titration method. Ukr.khim.zhur. 24 no.5:661-667 '58.
(MIRA 12:1)
I. Chernovitskiy gosudarstvenny universitet, kafedra analiticheskoy
khimii.
(Magnesium hydroxide) (Iodine) (Titration)

5(2)
AUTHOR:

Babenko, A. S.

SOV/32-25-6-3/53

TITLE:

Nitron Chloride as Extraction Indicator in the Titration of
Acids in Colored Solutions (Nitroniy khlorid kak ekstraktsion-
nyy indikator pri titrovani kislot v okrashennykh rastvorakh)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 6, pp 653 - 655 (USSR)

ABSTRACT:

A method was introduced for the determination of acids in colored solutions, with the use of an aqueous solution of nitron chloride (I) as extraction indicator. Experiments revealed that a slight excess of lye in a solution of nitron acetate, -chloride, or -sulphate, causes the base to precipitate. The latter is insoluble in water; however, it is readily extracted with chloroform, and the extract is gold-yellow. The acidification of this extract (with slight acid excess) causes decoloration, and the nitron salt formed passes to the aqueous phase. This property of the water-soluble nitron salts is made use of in the method described, and it was found in this connection that (I) is the most suitable. The passage of the colorless ion form of the indicator to the molecular colored form, takes place in the range

Card 1/2

Nitron Chloride as Extraction Indicator in the
Titration of Acids in Colored Solutions

SOV/32-25-6-3/53

pH = 6.59 - 8.12. The determination results of various acids (Table, inter al 2 wine samples of the Chernovitskiy vinkombinat (Chernovtsev Wine Kombinat)) in colored and noncolored solutions with (I) do not differ practically from those with methyl orange and phenol phthalein. There are 1 table and 4 references, 2 of which are Soviet.

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet (Chernovtsev State University)

Card 2/2

BABENKO, A.S.; KRAYNER, Z.Ya.

Microcrystalloscopic detection of the ferricyanide ion by means of
4-hydrocyquinaldinium chloroethylate. Izv.vys.ucheb.zav.; khim.i
khim.tekh. 3 no.1:62-65 '60. (MIRA 13:6)

1. Kafedra analiticheskoy khimii Khar'kovskogo politekhnicheskogo
instituta imeni V.I. Lenina.
(Ferricyanides) (Quinaldinium compounds)

RABEKO, A.S.; TISER'SHII, A.P.

Microcrystalline reaction for the zinc ion with the acid of
ethyl-*p*-toluenesulfonate of 2-methyl-4,5-benzodioxole-miazole.
Ukr. Khim. Zh. no. 1:98-101 '61. (Z.I. 14:1)

1. Khar'kovskiy politekhnicheskiy inst tit im. V.I. Lenina.
(Zinc-analysis)

RADENKO, A.S.; P. MACHIN, V.I.

Ternary complex compounds in the system metal ion-nitronium-thiocyanogenide. Ukr.khim.zhur. 37 no.6:732-739 '61.

1. Khar'kovskiy politekhnicheskiy institut im. V.I.Lenina.
(Complex compounds)

BABENKO, A.S. [Babenko, O.S.]; TOLMACHEV, V.N. [Tolmachov, V.M.]

Ternary complex compounds in the system metal ion - nitron - thiocyanogen ion. Dop. AN URSR no.3:394-397 '62. (MIRA 15:5)

1. Khar'kovskiy politekhnicheskiy institut. Predstavлено
академиком АН USSR A.K.Babko.
(Systems (Chemistry)) (Complex compounds)

BABENKO, A.S.; TOLMACHEV, V.N.

Complex formation in the system cobalt ion - nitrone-
rhodanide. Part 2. Separation and study of extractibility
by dichloroethane of the nitrone-rhodanide complex of cobalt.
Ukr. khim. zhur. 28 no.1:26-32 '62. (MIRA 16:8)

1. Khar'kovskiy politekhnicheskiy institut im. V.I. Lenina.

BABENKO, A.S.; TOLMACHEV, V.N.

Complex formation in the system trivalent ferric ion - nitron - thiocyanate. Part 3: Isolation and study of the extractibility of nitron - thiocyanate complex of iron by means of dichloroethane. Ukr.khim.zhur. 28 no.2:139-145 '62. (MIRA 15:3)

1. Khar'kovskiy politekhnicheskiy institut im. V.I.Lenina.
(Iron compounds) (Nitron) (Thiocyanates)

BABENKO, A. S.; TOLMACHEV, V. N.

Complex compounds in the system copper ion - nitron - thiocyanate.
Part 4: Preparation of complexes and study of extractibility of
copper (II) complexes by dichloroethane. Ukr. khim. zhur. 28
no.3:287-293 '62. (MIRA 15:10)

1. Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina.

(Copper compounds) (Extraction(Chemistry))
(Ethane)

TOLMACHEV, V. N.; BABENKO, A. S.

Complex formation in the system cobalt ion - nitron - thiocyanate.
Composition and absorption spectra of the nitron-thiocyanate
complex of cobalt in dichloroethane. Ukr. khim. zhur. 28 no.5:
550-555 '62. (MIRA 15:10)

1. Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina.

(Cobalt compounds--Spectra) (Nitron)
(Thiocyanates)

BARENKO, A. S.; TOLMACHEV, V. N.

Complex formation in the system copper ion - nitrone - rhodanide.
Part 6: Composition and absorption spectra of the nitrone-
rhodanide complex of copper (II) in dichloroethane. Ukr. khim.
zhur. 28 no.6:659-663 '62. (MIRA 15:10)

1. Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina.

(Copper compounds—Spectra)
(Thiocyanato compounds)

TOLMACHEV, V. N.; BABENKO, A. S.

Complex formation in the system trivalent iron ion - nitrone - rhodanide. Part 7: Composition and absorption spectra of the nitrone - rhodanide complex of iron in dichloroethane. Ukr. khim. zhur. 28 no.6:664-668 '62. (MIRA 15:10)

1. Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina.

(Iron compounds—Spectra)
(Thiocyanato compounds)

BABENKO, A.S.; TOLMACHEV, V.N.

Composition and extractibility of nitrone-thiocyanate complexes
of some metals. Trudy Kom. anal. khim. 14:16G-171 '63.
(MIRA 16:11)